

CLASS TITLE: SUPERVISING BRIDGE SAFETY INSPECTOR

Class Code: 02756400

Pay Grade: 27A

EO: C

CLASS DEFINITION:

GENERAL STATEMENT OF DUTIES: To plan, coordinate and participate in the work of a crew engaged in performing technical safety inspections of bridges and related structures in accordance with pertinent federal and state guidelines; and to do related work as required.

SUPERVISION RECEIVED: Works under the general supervision of a superior with latitude for the use of independent judgement; work is reviewed through written reports and conferences for satisfactory performance.

SUPERVISION EXERCISED: Plans, coordinates and reviews the work of subordinates engaged in bridge inspection tasks.

ILLUSTRATIVE EXAMPLES OF WORK PERFORMED:

To plan, coordinate and participate in the work of a crew engaged in performing technical safety inspections of bridges and related structures in accordance with pertinent federal and state guidelines.

To plan, prepare and arrange for bridge inspections, including scheduling inspections, arranging for appropriate safety precautions and traffic control, reviewing plans and specifications, and determining optimum inspectional procedures.

To direct inspections of bridge components for deterioration, corrosion, settling, tilting and buckling, and to participate in such inspections as necessary.

To prepare complete and accurate reports in order to categorize the safety and condition of bridges, including technical measurements, photographs and sketches to clarify problems found.

To evaluate the seriousness of bridge defects noted and to inform a superior of any especially hazardous conditions.

As necessary, to ascend to high places on bridge structures by setting up and use of scaffolding, rigging, ladders and hydraulic equipment.

To utilize small boats during the course of water bridge inspections.

To do related work as required.

REQUIRED QUALIFICATIONS FOR APPOINTMENT:

KNOWLEDGES, SKILLS AND CAPACITIES: A thorough knowledge of the methods and techniques of bridge safety inspections and the ability to supervise a team performing such inspections; a thorough knowledge of federal and state guidelines relating to the safety inspection and condition rating of bridges; a thorough knowledge of bridge components, their purposes and interrelationships; a working knowledge of basic engineering principles as applied to bridge construction; a working knowledge of safety procedures to be employed in bridge safety inspections; the ability to ascend to and work in high places without inordinate fear; the ability to use various bridge inspection measurement devices; the ability to prepare complete and accurate bridge safety inspection reports; the ability to read and interpret basic bridge construction plans; and related capacities and abilities.

EDUCATION AND EXPERIENCE:

Education: Such as may have been gained through: graduation from a senior high school; and

Experience: Such as may have been gained through: extensive employment in a technical position in the area of bridge inspection, construction, maintenance or design.

Or, any combination of education and experience that shall be substantially equivalent to the above education and experience.

SPECIAL REQUIREMENT: At the time of appointment, must have successfully completed a comprehensive bridge safety inspector's training course based on the Bridge Inspector's Training Manual #70, United States Department of Transportation; and must be physically qualified to perform assigned duties as evidenced by a physician's certificate.

Class Revised: July 6, 1986

Editorial Review: 3/15/03